

## Chapter 6 Test Pg. 264 Answers

1. 0.0096

2. 0.65

3. 0.257

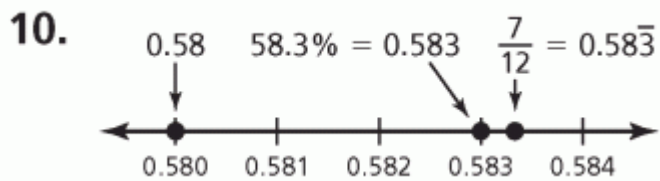
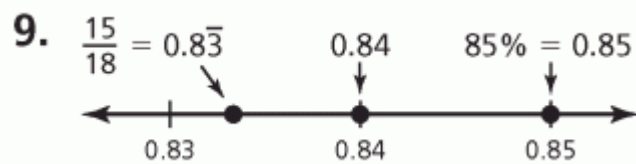
4. 42%

5. 788%

6. 58.54%

7. 65%

8. 5.6



11. 75%

12. 160%

13. 36

14. 750

15. increase; 150%

**16.** decrease; 25%

**17.** \$14.25

**18.** \$9.63

**19.** \$216

**20.** \$900

**21.** Your friend

**22. a.** 12%

**b.** 84 cars; To get the same percent error, the amount of error needs to be the same. Because your estimate was 9 cars below the actual number, an estimate of 9 cars above the actual number will give the same percent error.

**23.** Year 1: \$832

Year 2: \$864

Year 3: \$896